

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A system for measuring, dispensing and pneumatically delivering micro-ingredients to a feed ration comprising:
  - a weigh hopper;
  - a storage bin including an auger mounted thereto, said auger for metering a desired amount of a micro-ingredient into said weigh hopper;
  - a scale mounted to said weigh hopper for determining the weight of the micro-ingredient metered into said weigh hopper from said auger, said auger being activated to meter the desired amount of the micro-ingredient based upon weight indicated by said scale;
  - a transport line for delivering the micro-ingredient to the feed ration;
  - means intermediate said weigh hopper and said transport line for introducing the micro-ingredient in the transport line;
    - an eductor mounted in line with said transport line;
    - means for supplying pressurized air through said eductor and through said transport line, wherein said eductor facilitates movement of the micro-ingredient through said means for introducing and through said eductor into said transport line; and
  - a discharge device having an upstream end attached to a discharge end of said transport line, said discharge device further including a fitting, a housing body secured to said fitting, a transverse orientated tube connected to said fitting and said transverse tube communicating with an interior gap of said housing body, an inner tube placed within said housing body, said inner tube communicating with said discharge end for receiving micro-ingredients moving through said transport line, wherein a cylindrical shaped gap defines an open space between an outer surface of said inner tube and an inner surface of said housing body, said inner tube and said body each having a downstream end terminating substantially coterminous with one another, said inner tube and said body each extending continuously without openings between said upstream end and said downstream end, and wherein a flow of liquid is provided through said transverse oriented tube and said housing body and then through said cylindrical shaped gap whereby as said micro-ingredients exit said discharged discharge device, said liquid concentrically surrounds

said micro-ingredients.

2. (Original) A system, as claimed in Claim 1, wherein:

    said bin includes a plurality of bins each having a corresponding auger for metering separate micro-ingredients into said weight hopper.

3. (Original) A system, as claimed in Claim 1, wherein:

    said weigh hopper includes a plurality of weigh hoppers;

    said bin includes a plurality of bins each having a corresponding auger for metering separate micro-ingredients from each of said bins into corresponding weigh hoppers of said plurality of weigh hoppers; and

    said means for introducing includes a plurality of means for introducing enabling the separate micro-ingredients to be introduced into the transport line.

4. (Original) A system, as claimed in Claim 3, wherein:

    said scale includes a plurality of scales, one scale of said plurality of scales being mounted to each weigh hopper of said plurality of weigh hoppers for separately determining the weight of micro-ingredients in each of said weigh hoppers.

5. (Original) A system, as claimed in Claim 3, wherein:

    said transport line includes a plurality of transport lines for separately conveying the micro-ingredients, said means for supplying pressurized air communicating with each of said plurality of transport lines thereby causing transport of the micro-ingredients through the plurality of transport lines.

6. (Original) A system, as claimed in Claim 5, wherein:

    said means for supplying pressurized air includes a plurality of means for supplying pressurized air so that each transport line of said plurality of transport lines has a dedicated

means for supplying pressurized air therethrough.

7-22. (Canceled)

23. (Previously Presented) A system, as claimed in Claim 1, wherein:  
said discharge device further includes a flange connected to the downstream end of said  
inner tube wherein said flange acts as a nozzle to accelerate liquid flowing in said gap between  
said inner tube and said housing body.

24-32. Canceled.